

1                   **ABSTRACT OF THE DISCLOSURE**

2                   Disclosed is an apparatus for transmitting and receiving radio signals in a pico-BTS. The  
3                   apparatus includes a plurality of antennas for transmitting and receiving the radio signals, installed  
4                   in predetermined positions; and a plurality of repeaters connected to the associated antennas, for  
5                   controlling levels of the transmission and reception signals to a predetermined level. Further, the  
6                   apparatus includes a plurality of bi-directional amplifiers for compensating for a signal loss, installed  
7                   in predetermined positions between the repeaters.

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